

CLAIMS

What is claimed is:

1           1.       A digital camera, comprising:  
 2           a photoelement array for acquiring image data;  
 3           a menu interface for controlling said digital camera;  
 4           a memory for saving said image data;  
 5           a processor in communication with said memory;  
 6           a control instrument in communication with said processor;  
 7           a display in communication with said processor for displaying said image data;  
 8                    and  
 9           program code stored in said memory and executed by said processor using said  
 10           control instrument for navigating among a plurality of said image data,  
 11           said program code further comprising a menu navigation software  
 12           module for navigating a plurality of menus of said menu interface  
 13           using said control instrument.

1           2.       The digital camera of claim 1, wherein when at least one of said  
 2           plurality of menus of said menu interface is activated and displayed on said display,  
 3           said control instrument controls selection of at least one of said elements of said  
 4           menu.

1           3.       The digital camera of claim 1, wherein when none of said plurality of  
 2           menus is active and said image data is stored in said memory, said control instrument  
 3           controls navigation among said images stored in said memory.

1           4.       The digital camera of claim 1, wherein said control instrument is a set  
2 of navigational buttons.

1           5.       The digital camera of claim 4, wherein said set of navigational buttons  
2 comprise:

3           a left navigation button;  
4           a right navigation button;  
5           an up navigation button; and  
6           a down navigation button.

1           6.       The digital camera of claim 5, wherein said left navigation button  
2 deactivates at least one of said plurality of menus which is displayed on said display  
3 when said menu interface is active.

1           7.       The digital camera of claim 5, wherein said up navigation button  
2 distinguishes each said element of said menu sequentially up a list of said menu  
3 elements when said menu interface is active.

1           8.       The digital camera of claim 5, wherein said down navigation button  
2 distinguishes each of said elements of said menu sequentially down a list of said menu  
3 elements when said menu interface is active.

1           9.       The digital camera of claim 5, wherein said up navigation button  
2 navigates among attached images grouped into a logical unit when said menu interface  
3 is not active and an image is displayed which is grouped into said logical unit.

1           10.      The digital camera of claim 9, wherein said up navigation button  
2 displays the previous image grouped into said logical unit.

1           11.      The digital camera of claim 5, wherein said down navigation button  
2 navigates among attached images grouped into a logical unit when said menu interface  
3 is not active and an image is displayed which is grouped into said logical unit.

1           12.      The digital camera of claim 11, wherein said down navigation button  
2 displays the next image grouped into said logical unit

1           13.      The digital camera of claim 5, wherein said left navigation button  
2 navigates among said image data stored in said memory which is not in the current  
3 logically grouped unit.

1           14.      The digital camera of claim 13, wherein said left navigation button  
2 displays the previous logically grouped unit of said image data stored in the previous  
3 contiguous memory location in said memory.

1           15.      The digital camera of claim 5, wherein said right navigation button  
2 navigates among said image data stored in said memory which is not in the current  
3 logically grouped unit.

1           16.     The digital camera of claim 15, wherein said right navigation button  
2     displays the next logically grouped unit of said image data stored in the next  
3     contiguous memory location in said memory.

1           17.     The digital camera of claim 1, further comprising:  
2     means for communicating image data to a remote device.

1           18.     A method for navigating among a plurality of image data using a  
2     digital camera, the method comprising the steps of:  
3         acquiring image data for said digital camera;  
4         saving said image data in a memory;  
5         displaying said image data on a display;  
6         providing a menu interface for navigating a plurality of menus of said menu  
7             interface, said menu interface using program code stored in said  
8             memory and executed by a processor; and  
9         navigating among a plurality of said image data using said menu interface.

1           19.     The method of claim 18, further comprising the step of:  
2         selecting at least one element of said menu when at least one of said plurality  
3     of menus of said menu interface is activated and displayed.

1           20.     The method of claim 18, further comprising the step of:  
2         navigating among said images stored in said memory when none of said  
3     plurality of menus is active and said image data is stored in said memory.

1           21.     The method of claim 18, further comprising the step of:  
 2           providing a plurality of navigation buttons, said plurality of navigation buttons  
 3     including a left navigation button, a right navigation button, an up navigation button  
 4     and a down navigation button.

1           22.     The method of claim 18, further comprising the step of:  
 2           communicating image data to a remote device.

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